



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2185  
# 3  
BY  
11-25-7

In re the application of : Docket No. GB919990144US1  
H. E. Butterworth et al. : Group Art Unit: 2185  
Serial No.: 10/015,088 : Examiner: Not Assigned  
Filed: December 12, 2001  
For: Data Storage System and a Method of Storing Data Including a Multi-Level Cache

INFORMATION DISCLOSURE STATEMENT  
WITHIN THREE MONTHS OF FILING OR  
BEFORE MAILING OF FIRST OFFICE ACTION  
(37 CFR 1.97(b))

RECEIVED

NOV 24 2003

Technology Center 2100

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Dear Sir:

Pursuant to Section 707.05(b) of the MPEP and 37 CFR 1.97 and 1.98, a copy is herewith submitted (attached to form PTO-1449, Rev. 7-80) of documents which may be relevant to the invention as claimed in the above-identified application.

It is requested that the Examiner fully consider the documents cited, initial the leftmost column of the attached PTO Form 1449 adjacent each cited document, and return a copy of the Form 1449 for applicants' records. It is further requested that the documents be cited on the cover of any patent issuing from the subject application.

The citation of the above documents should not be construed as a representation that an exhaustive search has been made, or that other, more pertinent information is not available. Nor does this statement constitute an admission by applicant or applicants/attorney that the information provided herein is necessarily relevant information to applicants' invention. Moreover, applicants reserve the right to establish the patentability of the claimed invention over any of the listed documents should they be applied there-against as references.

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or before the mailing date of a first Office Action on the merits, whichever occurs last. 37 CFR 1.97(b).

CERTIFICATE OF MAILING

I hereby certify that the above paper/fee is being deposited with the United States Postal Service as first class mail in an envelope Addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

11/17/03

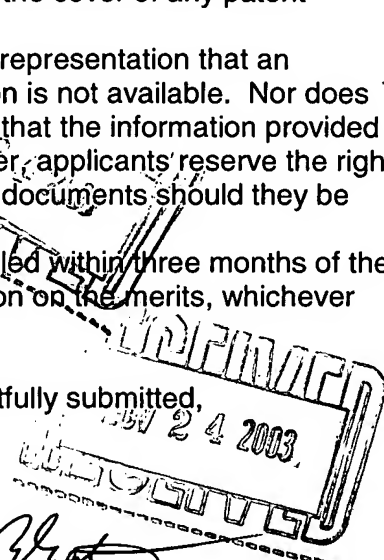
Person mailing paper/fee: Marie R. Turley

Signature Marie R. Turley

Respectfully submitted,

By:

Randall J. Bluestone (#40,518)  
Attorney for Applicants  
IBM Corporation, IP Law  
5600 Cottle Road (L2PA/010)  
San Jose, CA 95193  
Telephone: (408) 256-6573



Form PTO 1449 U.S. Dept of Commerce  
Patent & Trademark Off.: Atty. Docket No. : Serial No.  
: GB919990144US1 10/015,088  
: Applicant(s)  
: H.E. Butterworth et al.  
: File Date : Group  
: 12/12/01 : 2185LIST OF PRIOR ART CITED BY APPLICANT(S)  
(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAM.:	: DOCUMENT			CLASS/	FILING
INTL.:	: NUMBER	DATE	NAME	SUBCLASS	DATE
:AA:	5,410,667	04/25/95	Belsan et al.	395/425	04/17/92
:AB:					
:AC:					
:AD:					
:AE:					
:AF:					
:AG:					
:AH:					
:AI:					

RECEIVED

NOV 24 2003

Technology Center 2100

## FOREIGN DOCUMENTS

: DOC. NO.	: DATE	: COUNTRY	: CLASS/	:TRANSLATION
:	:	:	SUBCLASS	YES : NO
:BA:				:
:BB:				:
:BC:				:
:BD:				:
:BE:				:
:BF:				:
:BG:				:

## OTHER PRIOR ART (INCLUD. AUTHOR, TITLE, DATE, PERTINENT PG., ETC.)

:CA: J. Menon, "A Performance Comparison of RAID-5 and Log-Structured Arrays",  
Proceedings of the Fourth IEEE International Symposium on High Performance  
Distributed Computing, 1995, pages 167-178.  
:CB:  
:CC:  
:CD:  
:CE:

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609;  
Draw line through citation if not in conformance and not considered. Include copy of this form with  
next communication to applicant(s).